

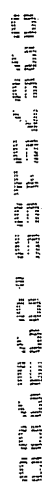
[illegible]

FIG. 2

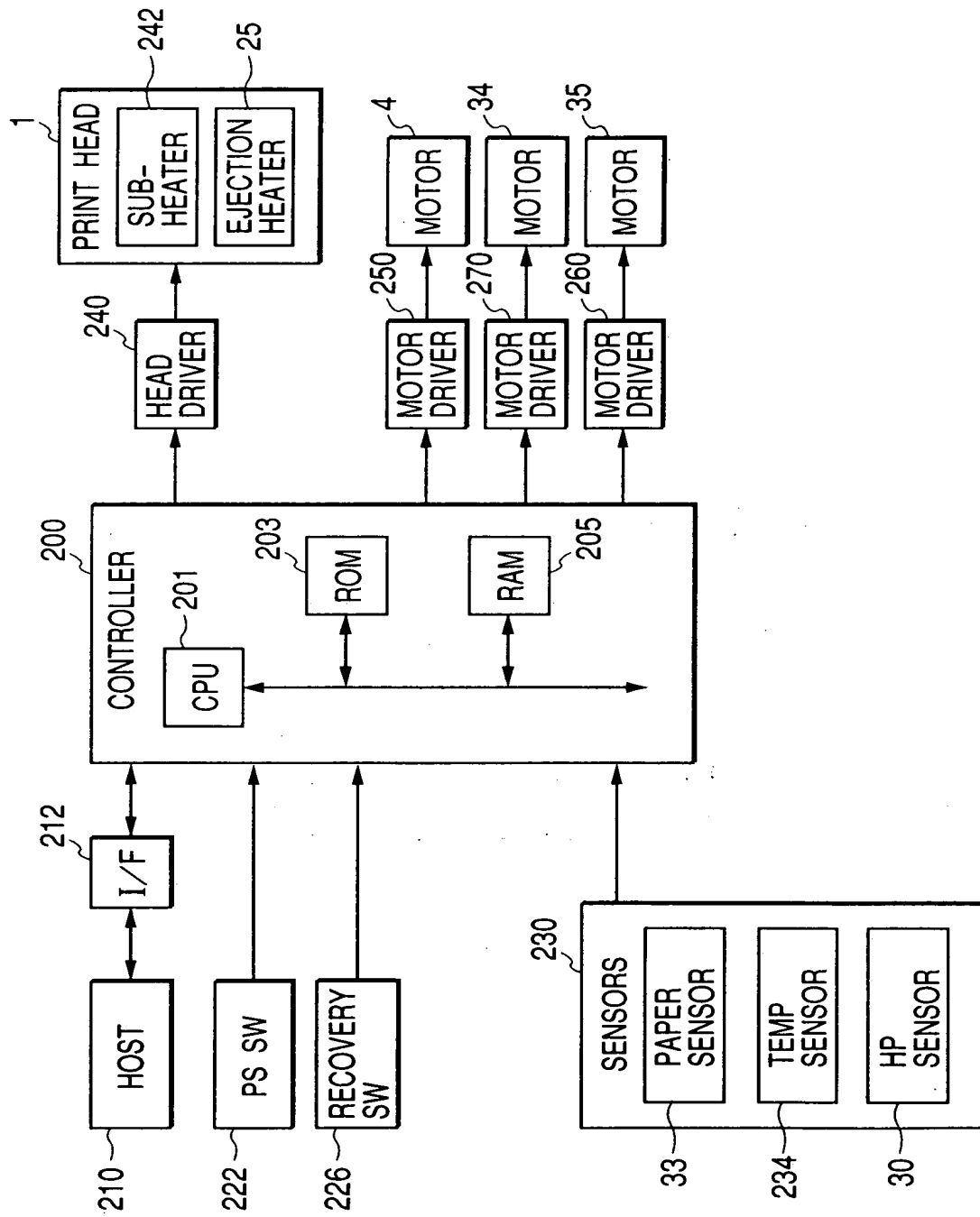


Figure 1 is a schematic diagram of a 4x4 array of waveguide crossings. The array is organized into four columns labeled C1, M1, Y1, C2 at the top and four rows labeled R1, R2, R3, R4 on the left. Each crossing point is marked with a circle. Labels 100-130 identify various components: 100-105 are the columns; 110-113 are circles in the C1 column; 120-121 are circles in the C2 column; 130 is a rectangle in the C2 column. A label 'FORWARD C2→C1' is at the bottom right.

BACKWARD C1→C2

FORWARD DIRECTION 

FIG. 4

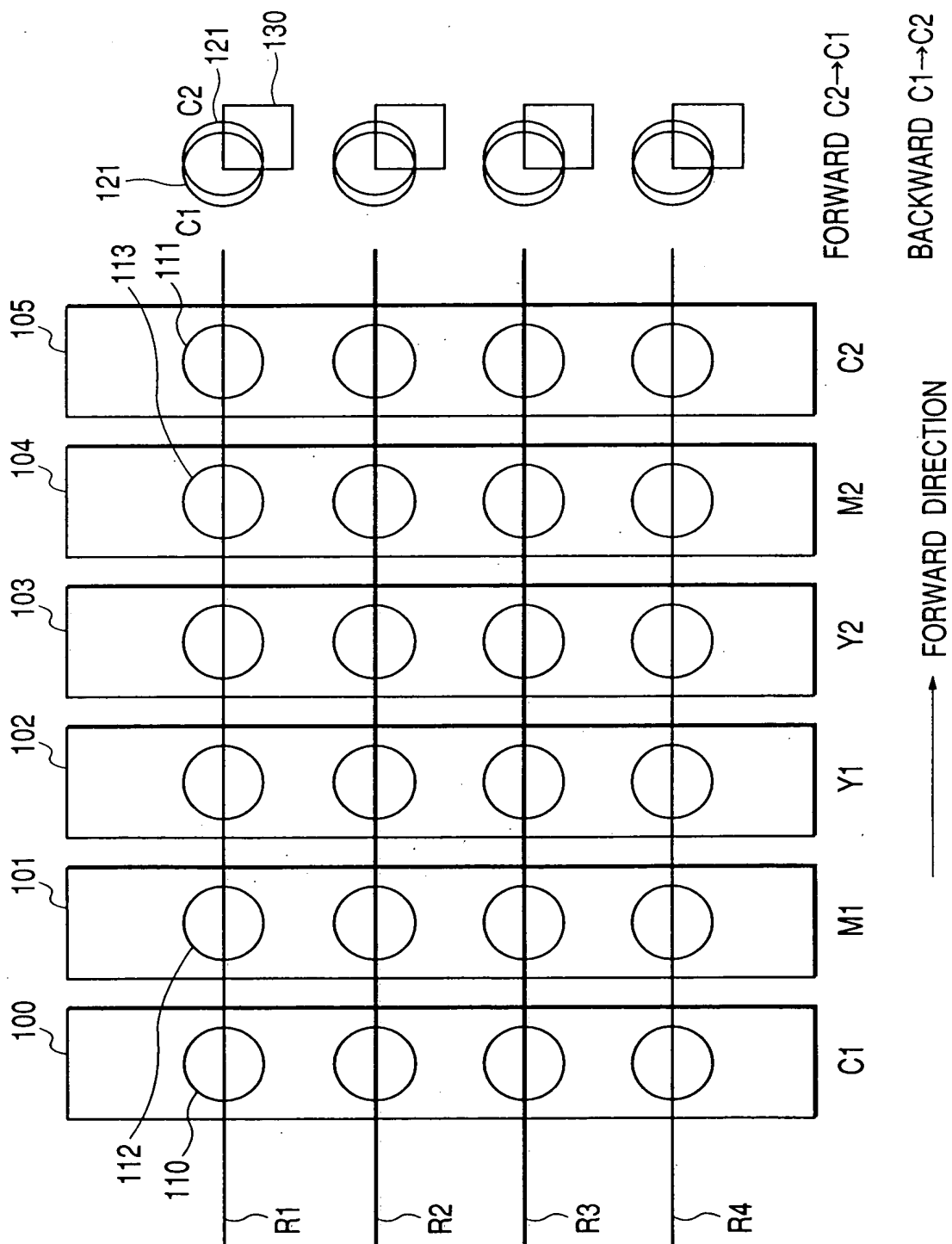


FIG. 5

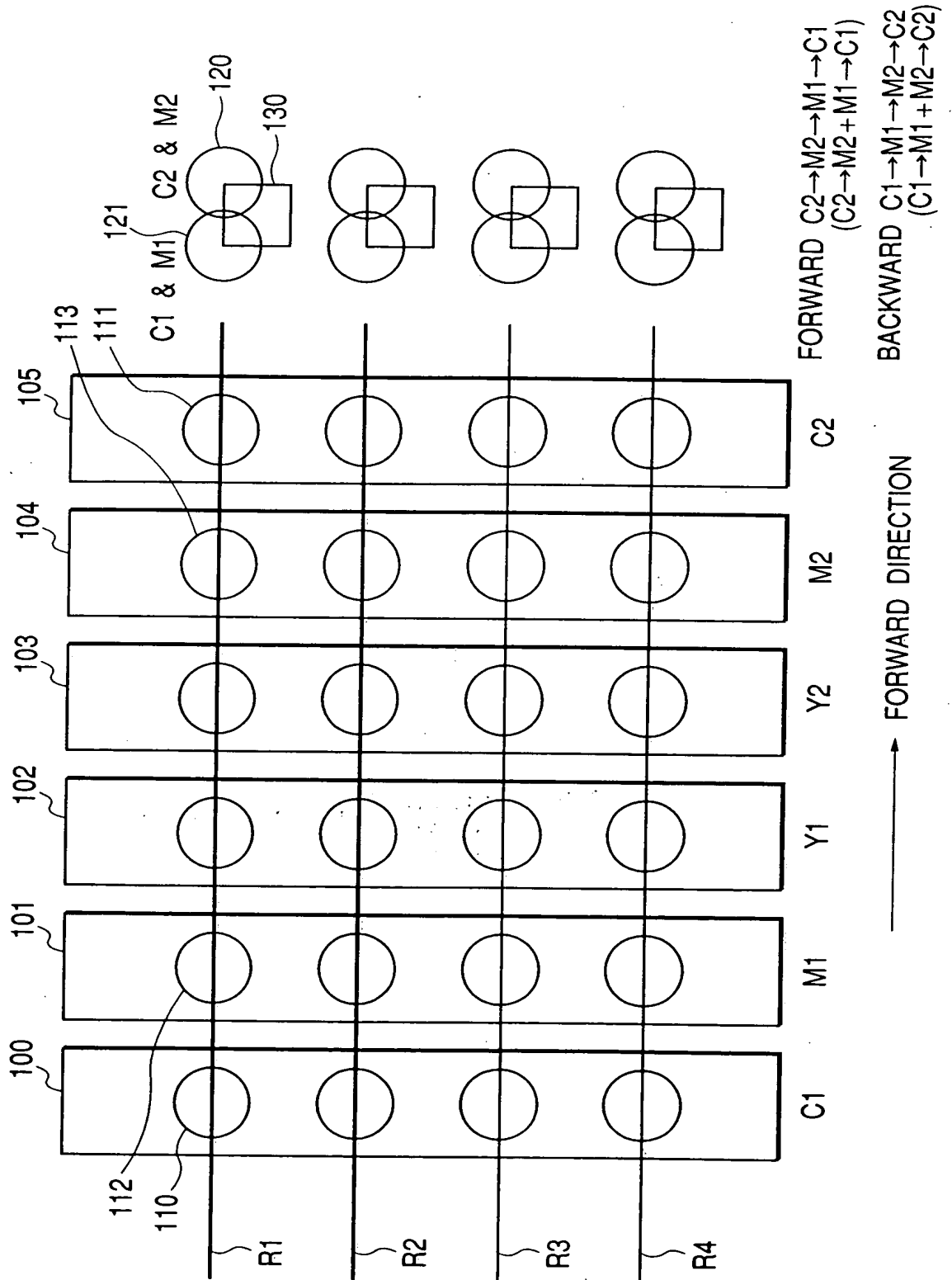


FIG. 6

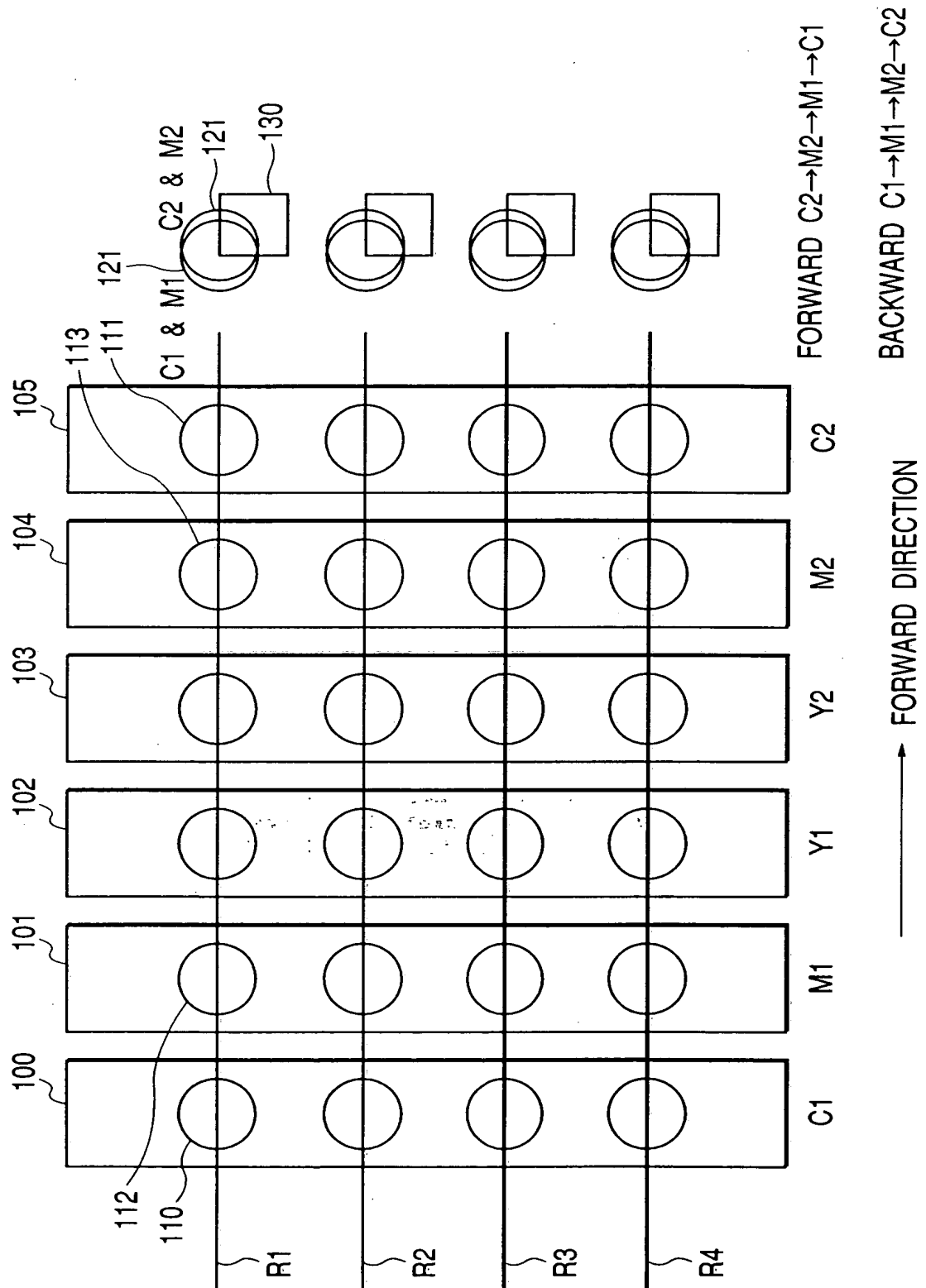


FIG. 7

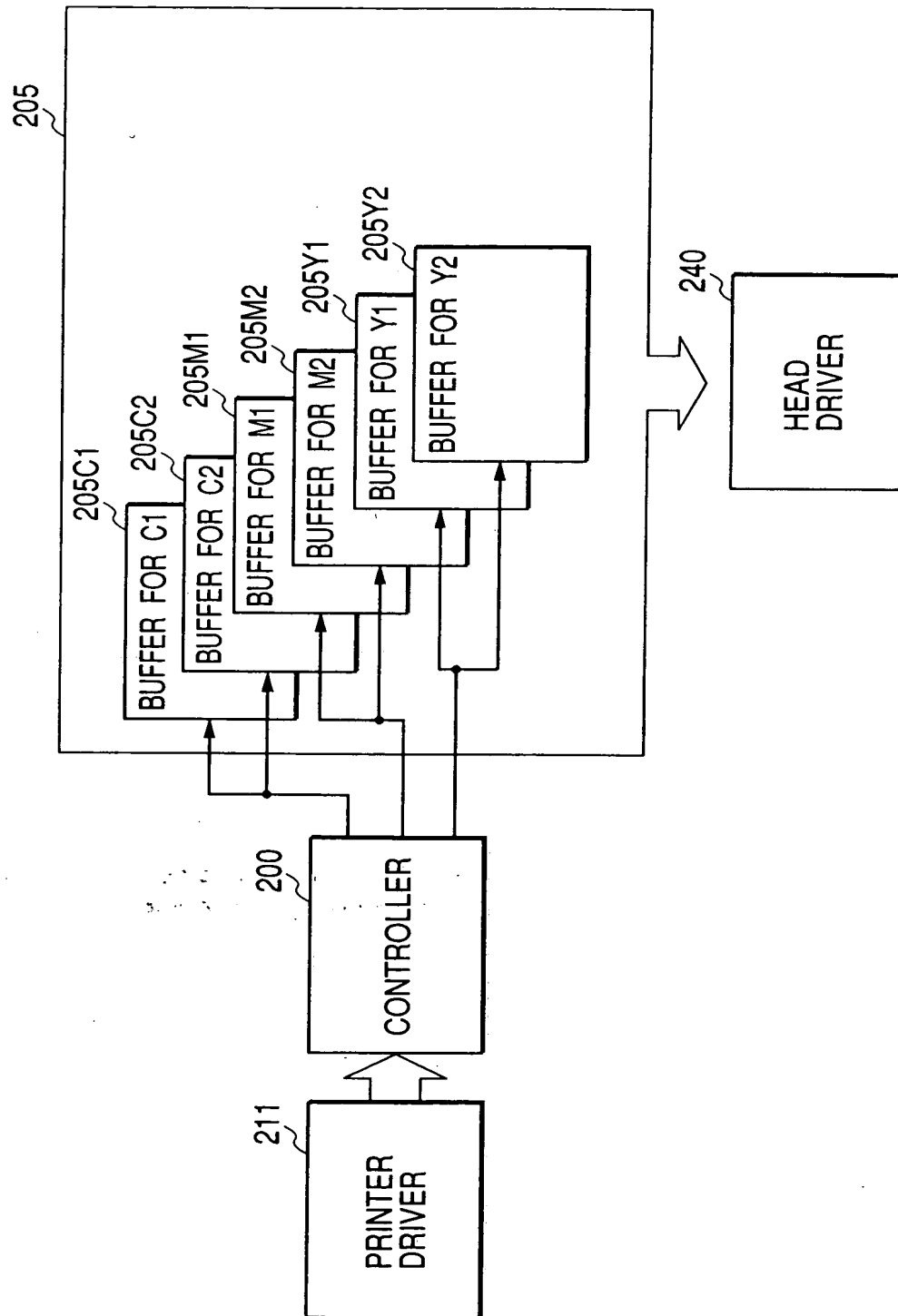


FIG. 8

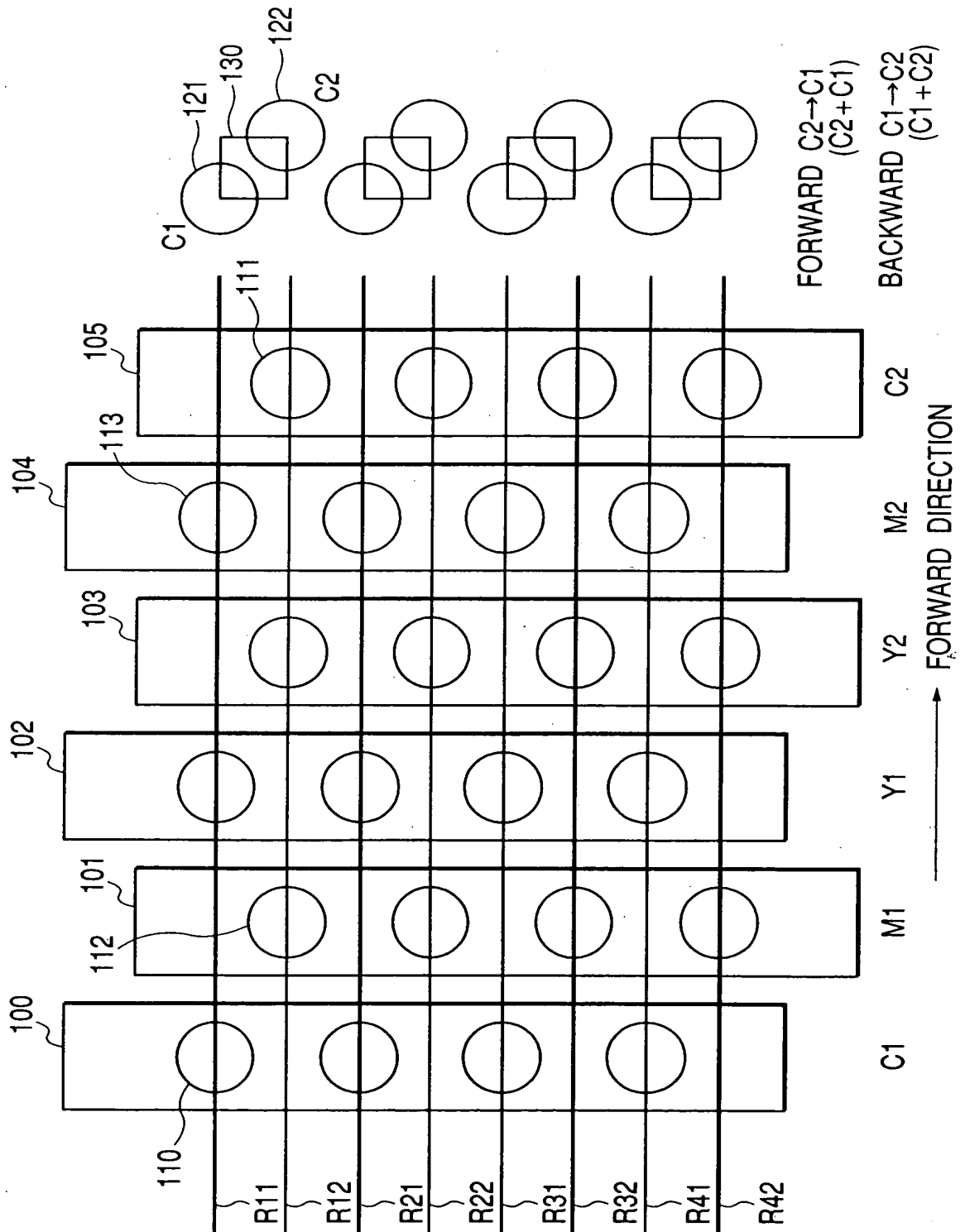


FIG. 9

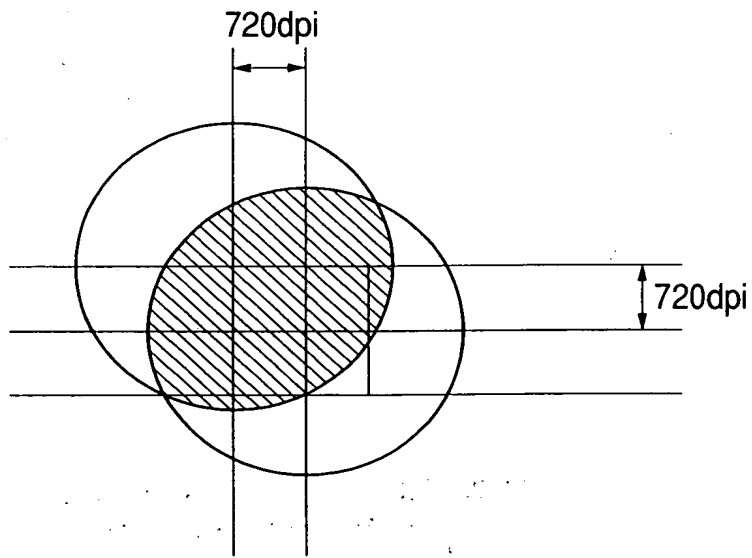


FIG. 10

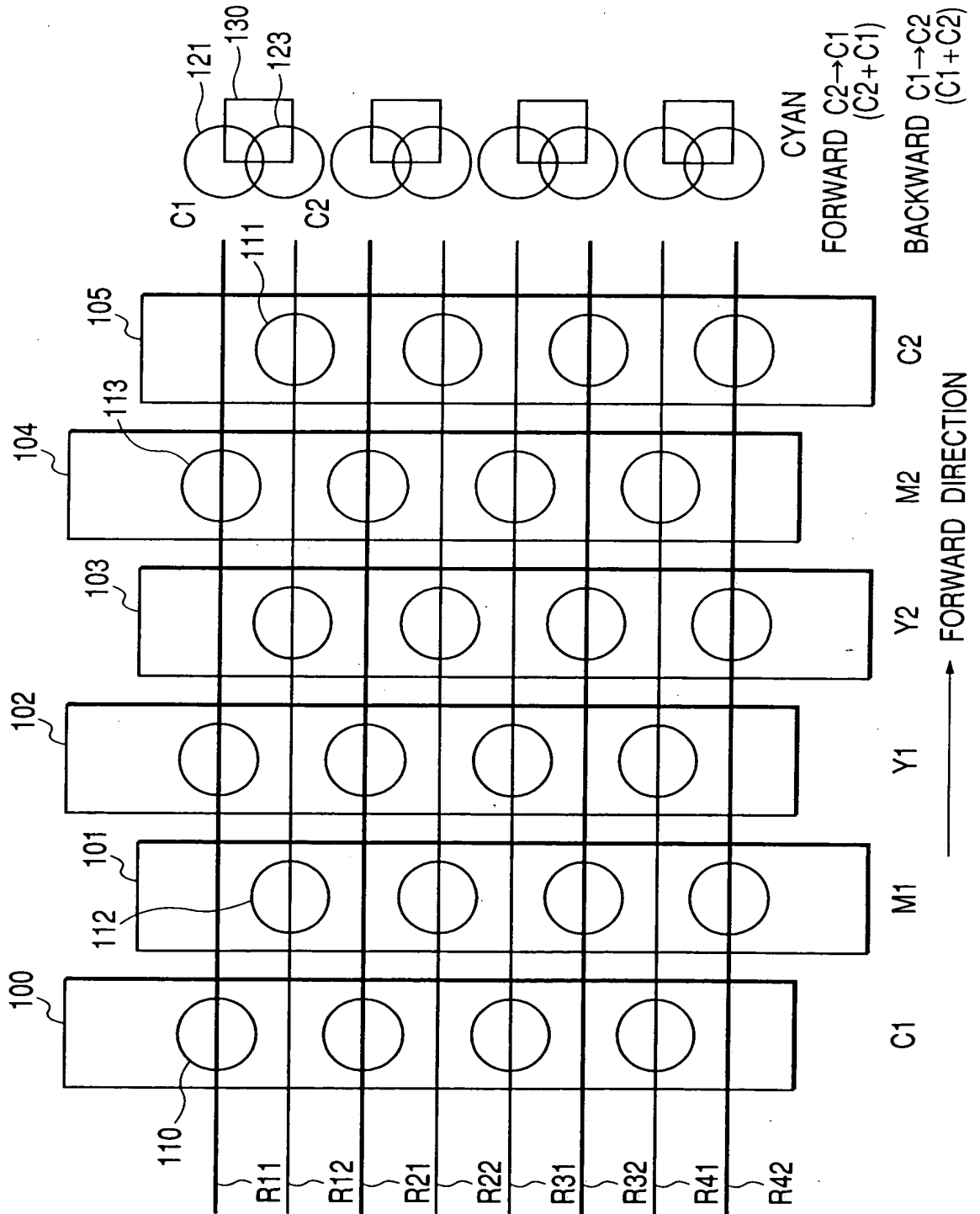


FIG. 11

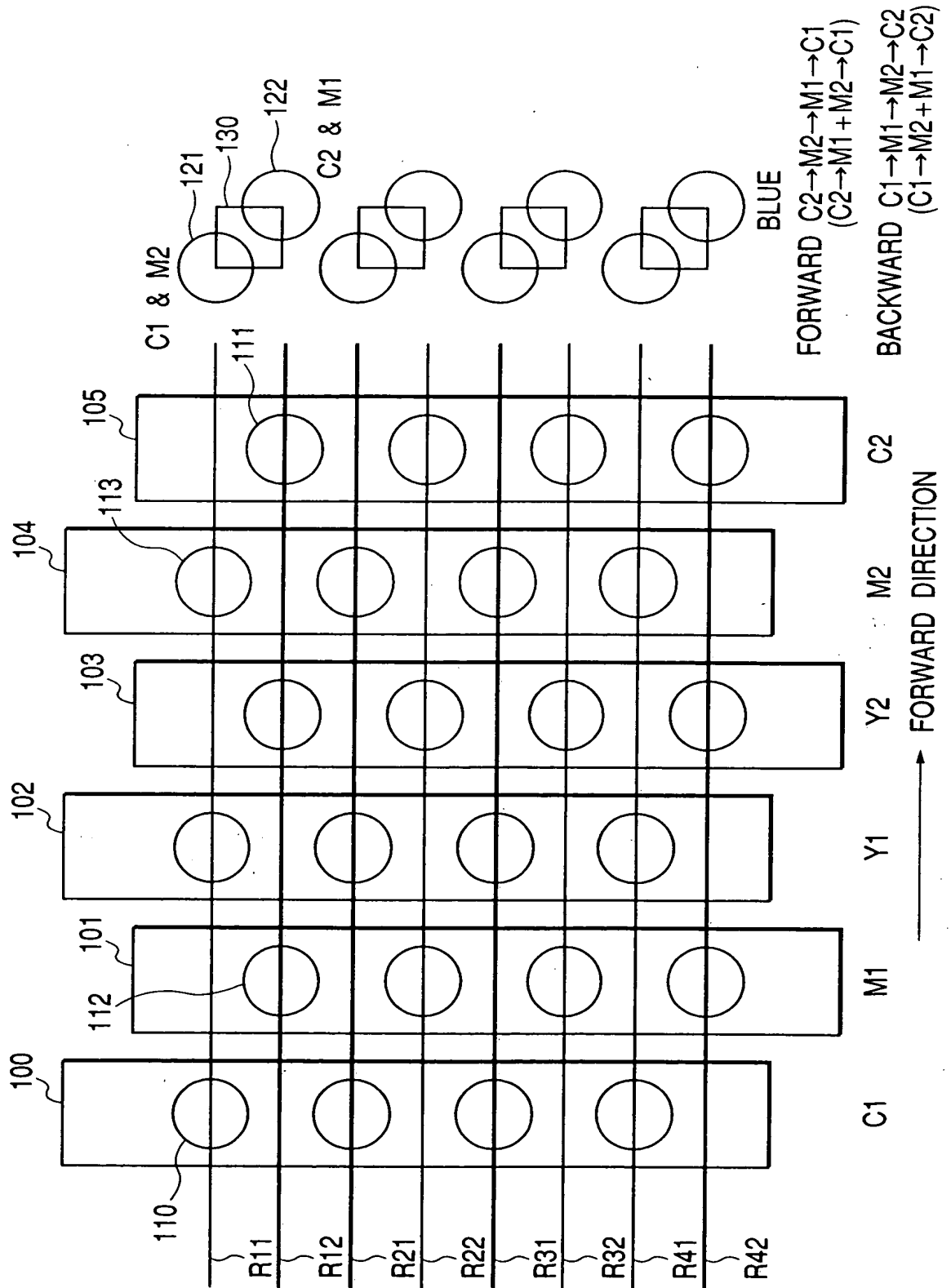


FIG. 12

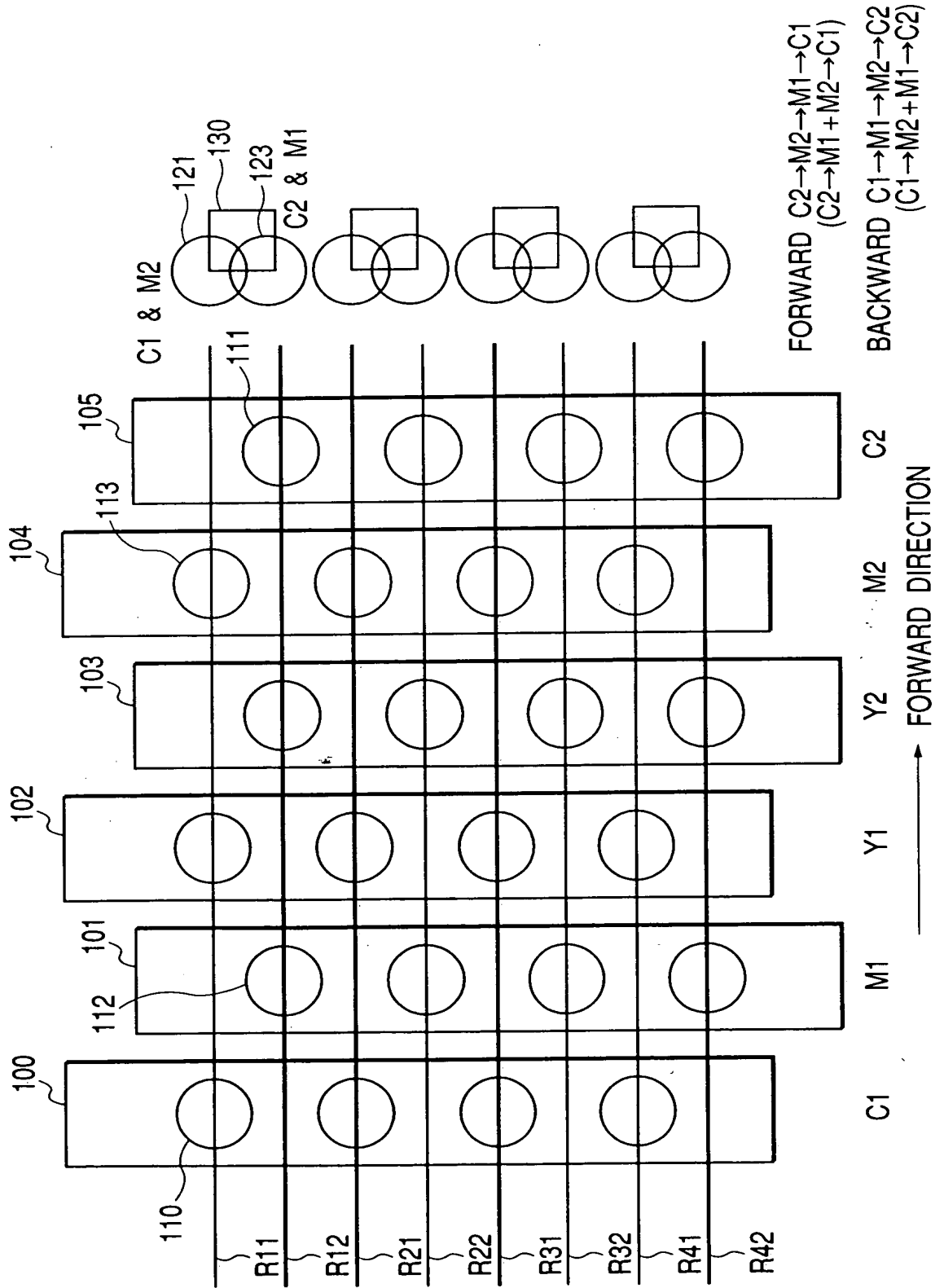


FIG. 13

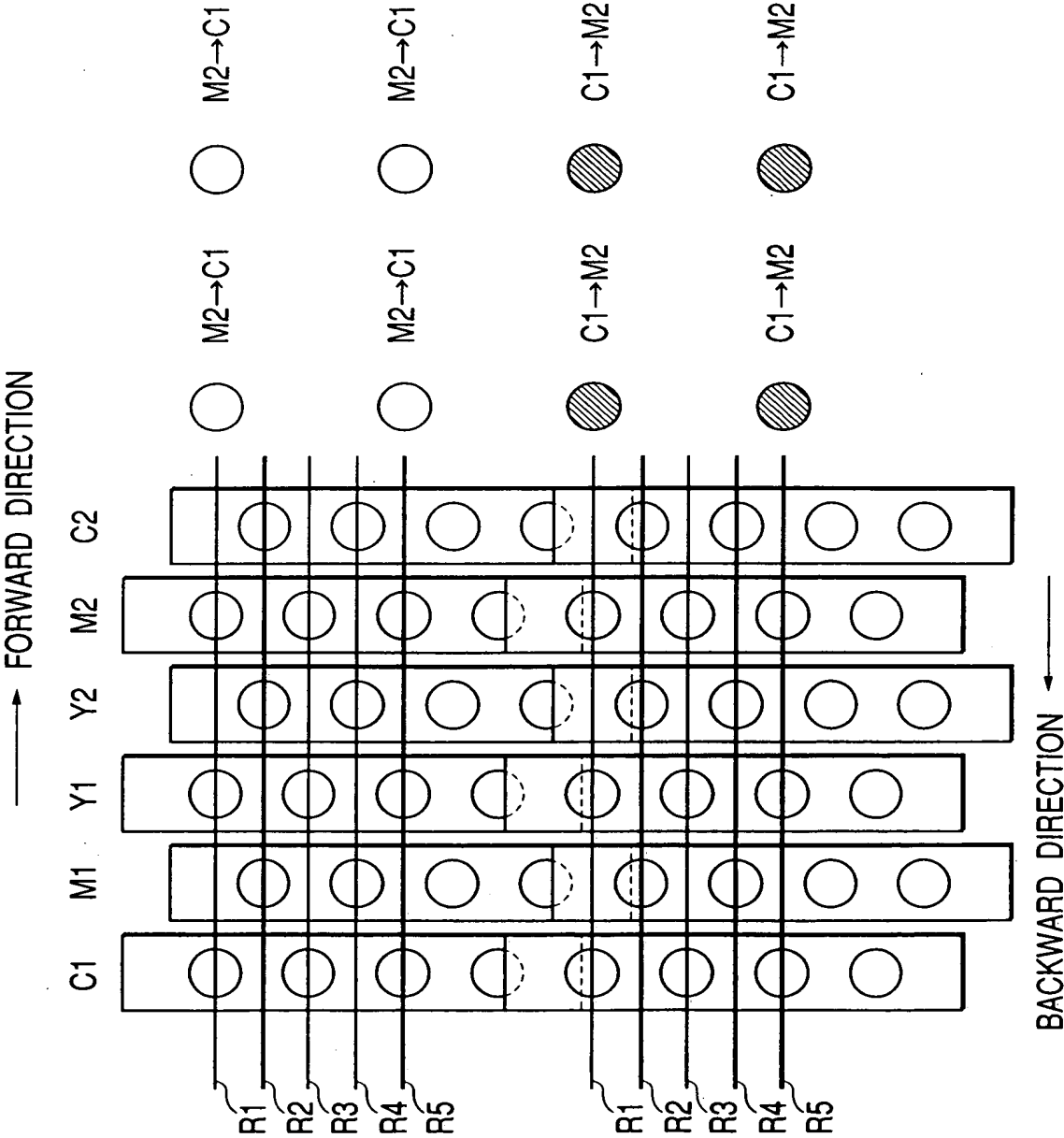


FIG. 14

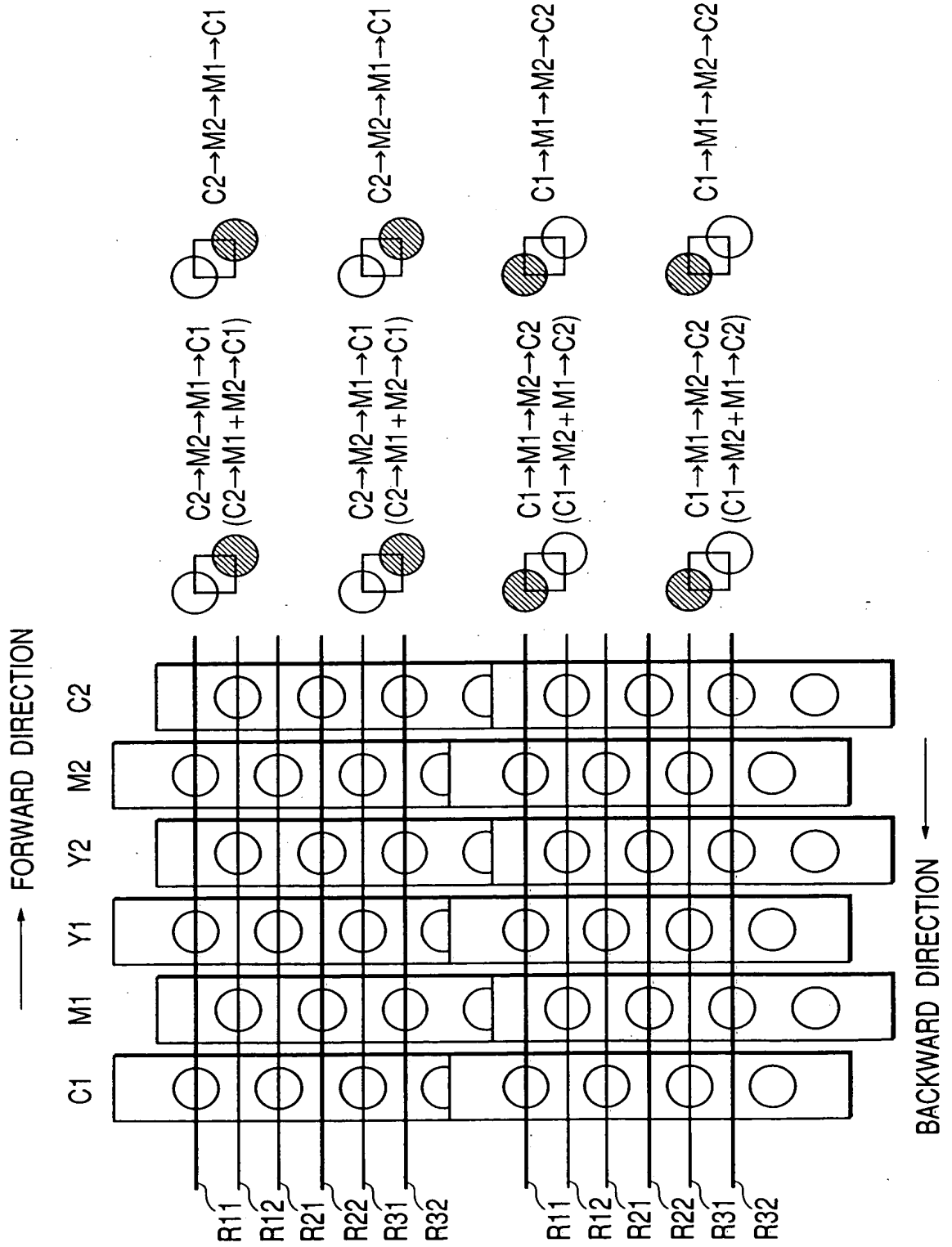


FIG. 15

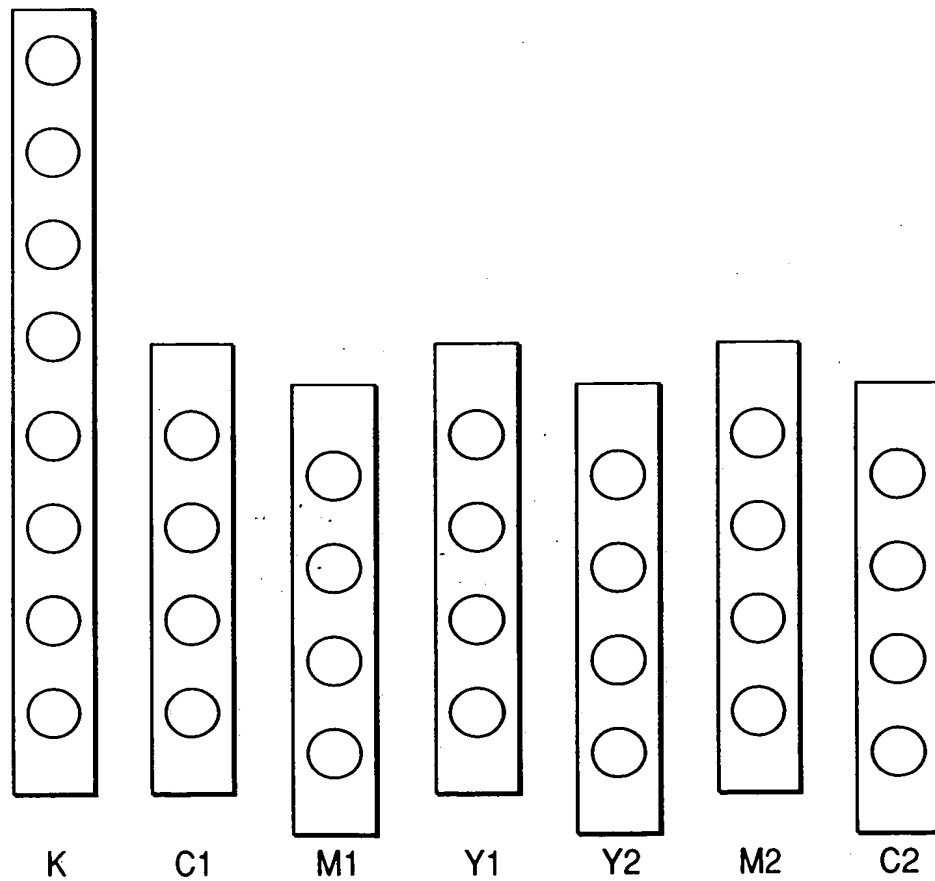


FIG. 16

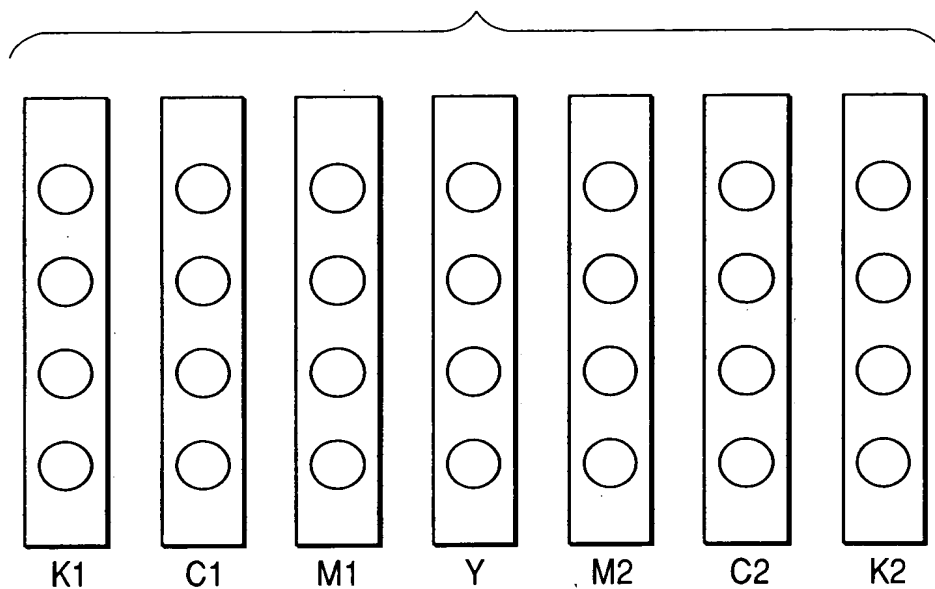


FIG. 17

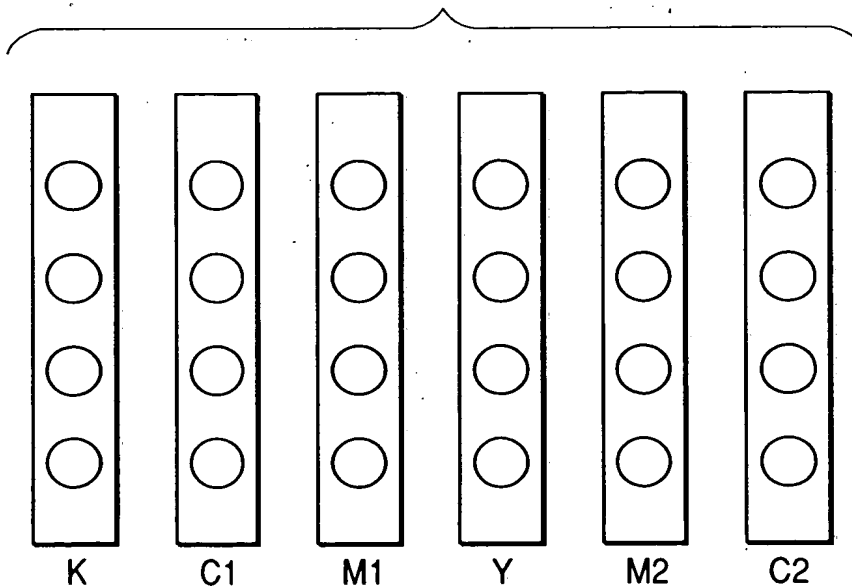


FIG. 18

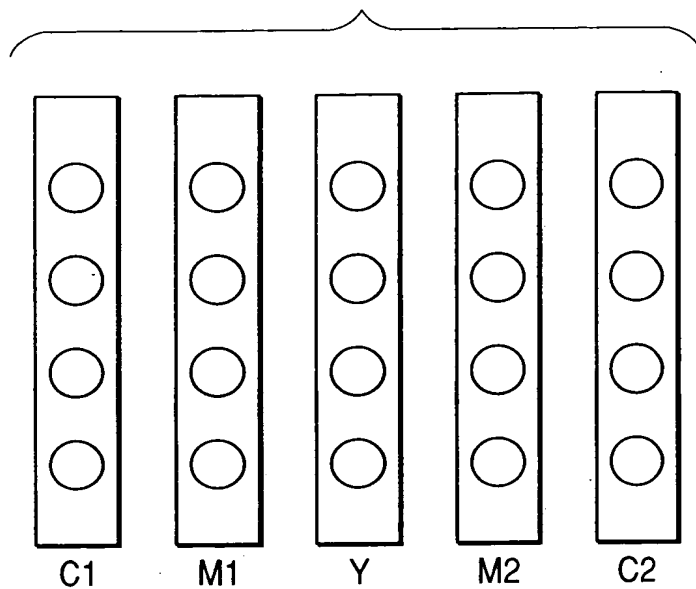


FIG. 19

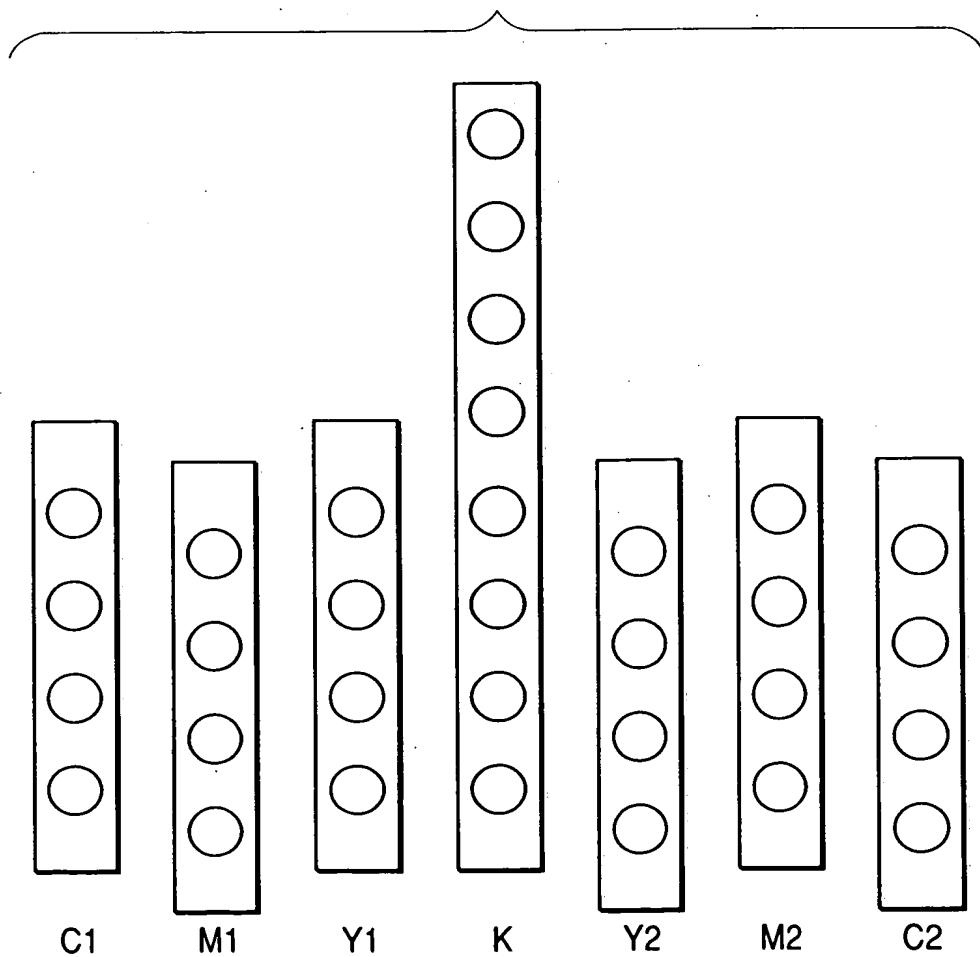


FIG. 20

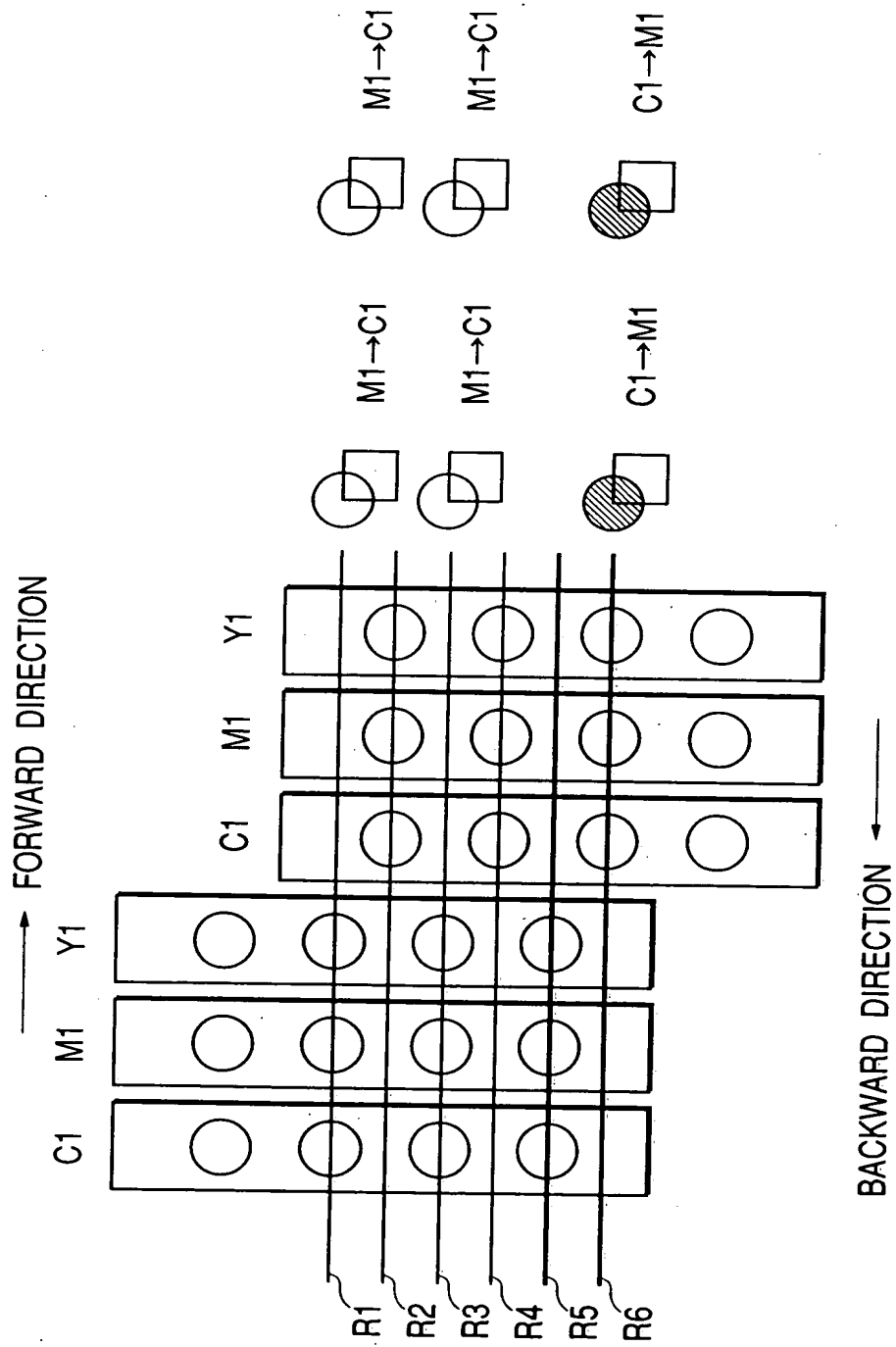


FIG. 21

